

IN THE SPECIFICATION

Replace the paragraph on page 8, lines 7-15 with the following:

Fig. 1b shows a circuit 330 illustrating a microbolometer array and selection circuitry in accordance with an embodiment of the present invention. Circuit 330 is similar to circuit 300 (Fig. 1a), but switches 304 are controlled in a different manner. For example, Fig. 2b shows an exemplary timing diagram 340 for the selection circuitry of Fig. 1b (circuit 330 ~~340~~). Control signals (labeled EN1 through ENN and SEL1 through SELN) are used to control corresponding switches 304 to select the desired microbolometer row.

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Replace the paragraph on page 13, lines 12-19 with the following:

Fig. 9 shows a block diagram 280 illustrating a microbolometer focal plane array 282, with uniformity-correction circuitry, and interface system electronics 283 in accordance with an embodiment of the present invention. Block diagram 280 is similar to block diagram 800, but includes additional techniques for providing, for example, temperature compensation and/or correction for various non-uniformities, as described in further detail herein (e.g., in reference to Figs. 10-17). Further details regarding temperature compensation and/or correction may be found for example in U.S. Patent No. 6,812,465, issued Nov. 2, 2004, which is incorporated herein by reference in its entirety.

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